

ZRA-R1

Optical receiver for Crystal LED
large display solutions



Overview

System configurations with greater connectivity and flexible set up

The ZRA-R1 converts the optical signal from ZRA-T1 and flawlessly connects to the ZRD series cabinet from up to 300 m away. Experience a more flexible way of integrating Crystal LEDs throughout more AV projects with this long distance receiver.

Specifications

Supported model

Cabinet

ZRD-B-series/C-series
ZRD-BH-series/CH-series

Controller

ZRCT-300

Type

Optical receiver

Interface

Input	SFP+ (multi-mode optical fiber)
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Output	RJ45 x3
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Transmission

Fiber optic	300m (maximum)
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Support signal resolution

up to 1920x1080 (Full HD)
(4 pair required for 4K screen)

Dimensions

w x d x h (mm)	110 x 142.5 x 33.5 mm
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Mass

(g)	610 g
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Power *1

Requirement	DC 5V / 2A
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Consumption	10W
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Type of terminal	USB Type-C
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Operating Temperature

0°C - 45°C (32°F~113°F)

Storage Temperature

-20°C - 60°C (4°F~140°F)

Operating Humidity

20-80% (No condensation)

Storage Humidity

20-80% (No condensation)

Notes

*1

Please use a USB AC adapter that is USB PD compliant.
Operation is not guaranteed with all USB AC adapters.

Related
products



ZRA-T1

Optical transmitter for

Crystal LED large
display solutions

Gallery

